

Lowerline Scope of Work

1. Site documentation
2. Frisking:
 - a. Frisk out personnel of control area
 - b. Frisking disposal containers on a daily basis (if staged prior to shipping), document exposure.
3. Sampling Monitoring
 - a. Air
 - i. Perimeter and Work Area
 - ii. Analyze initially to determine if alpha beat ratio is high and after radon daughters have decayed for reported result.
 - b. Contamination surveys
 - i. Conduct pre and post contamination surveys on any equipment that enters the control zone
 - ii. Scan select areas in work trailer for contamination
 - c. Confirmation samples
 - i. Analysis? (Alpha Spec for Ra-226 analysis or Gamma Spec depending upon what Greg wants)
 - ii. Interpretation-
 1. Provide tabulated results of the soil samples collected
 2. Determine the Ra-226 pCi/g activity/concentration
 - d. Excavation delineation
 - i. Determine background cpm value for area
 - ii. Provide Scanning of the excavation areas to delineate the vertical and horizontal extent of contamination exceeding 2x background cpm values.
4. Technical Assistance
 - a. H&S
 - i. Dose concerns
 - ii. Daily documentation
 - b. Disposal consulting
 - c. Final gamma walkover survey with 100% scan of areas excavated.